



## VACUUM CUPS WITH VULCANISED SUPPORT

These vacuum cups are very similar to those described on the previous page: they differ only for their round lip and their internal cleats.

These features allow them to be used even in the most heavy-duty conditions.

The field of use is the same.

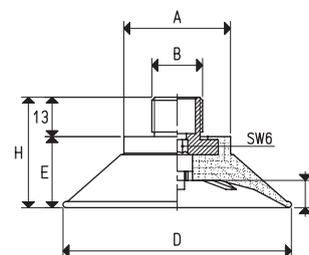
They are also made with BENZ compound and the galvanised steel support is vulcanised onto the cup.

Also these cups can be provided upon request in minimum quantities and in other special compounds, listed on pg. 31, to be defined in the order.



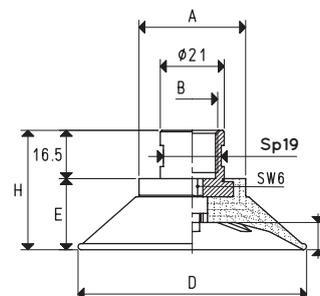
### VACUUM CUPS WITH MALE VULCANISED SUPPORT

| Item             | Force Kg | Compounds available | Volume cm <sup>3</sup> | A Ø | B Ø   | D Ø | E    | G  | H    | Support material | Weight g |
|------------------|----------|---------------------|------------------------|-----|-------|-----|------|----|------|------------------|----------|
| 08 50 99 B       | 4.90     | B                   | 10.3                   | 30  | G3/8" | 50  | 23.5 | 9  | 36.5 | steel            | 43.2     |
| 08 75 99 B       | 11.04    | B                   | 29.3                   | 35  | G3/8" | 75  | 23.5 | 9  | 36.5 | steel            | 59.2     |
| 08 100 99 B      | 19.62    | B                   | 42.6                   | 35  | G3/8" | 100 | 40.0 | 12 | 53.0 | steel            | 113.2    |
| 08 100 99 N      | 19.62    | N                   | 42.6                   | 35  | G3/8" | 100 | 40.0 | 12 | 53.0 | steel            | 113.2    |
| 08 50 99 1/4" B  | 4.90     | B                   | 10.3                   | 30  | G1/4" | 50  | 23.5 | 9  | 36.5 | steel            | 39.4     |
| 08 75 99 1/4" B  | 11.04    | B                   | 29.3                   | 35  | G1/4" | 75  | 23.5 | 9  | 36.5 | steel            | 55.2     |
| 08 100 99 1/4" B | 19.62    | B                   | 42.6                   | 35  | G1/4" | 100 | 40.0 | 12 | 53.0 | steel            | 109.2    |



### VACUUM CUPS WITH FEMALE VULCANISED SUPPORT

| Item          | Force Kg | Compounds available | Volume cm <sup>3</sup> | A Ø | B Ø   | D Ø | E    | G  | H    | Support material | Weight g |
|---------------|----------|---------------------|------------------------|-----|-------|-----|------|----|------|------------------|----------|
| 08 50 99 F S  | 4.90     | S                   | 10.3                   | 31  | G3/8" | 50  | 23.5 | 9  | 40.0 | steel            | 55.6     |
| 08 75 99 F B  | 11.04    | B                   | 29.3                   | 35  | G3/8" | 75  | 23.5 | 9  | 40.0 | steel            | 70.5     |
| 08 75 99 F S  | 11.04    | S                   | 29.3                   | 35  | G3/8" | 75  | 23.5 | 9  | 40.0 | steel            | 70.5     |
| 08 100 99 F B | 19.62    | B                   | 42.6                   | 35  | G3/8" | 100 | 40.0 | 12 | 56.5 | steel            | 118.8    |



\* Complete the code indicating the compound: B = BENZ rubber; S = silicone

Note: Cups in special compounds, listed on page 31 can be provided upon specific request in minimum quantities to be defined in the order.

The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch =  $\frac{\text{mm}}{25.4}$ ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134